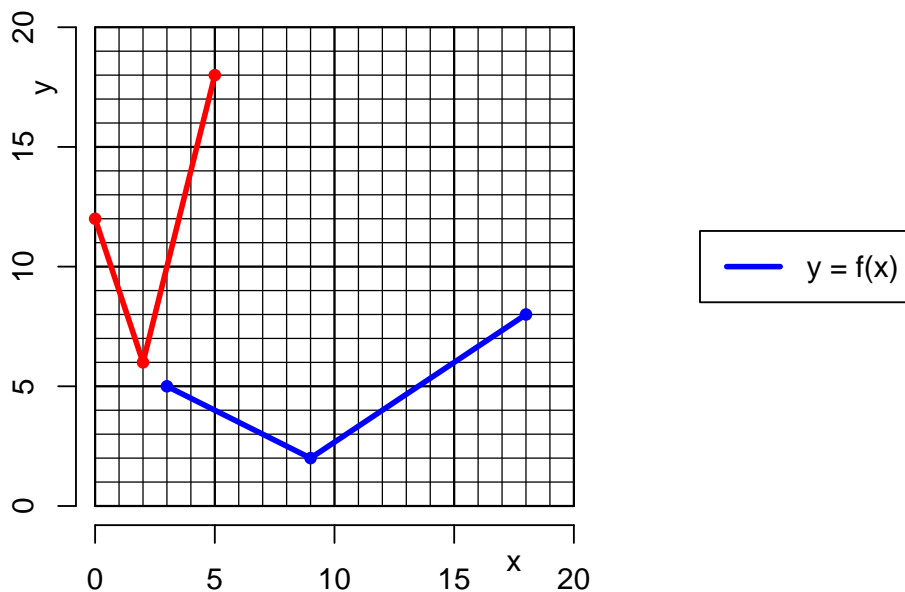# PCW_09_18 Find new points after transformation (version 17)

Question 1

Curve $y = f(x)$ contains points $(3, 5)$ and $(9, 2)$ and $(18, 8)$, as shown on the x-y plane below.
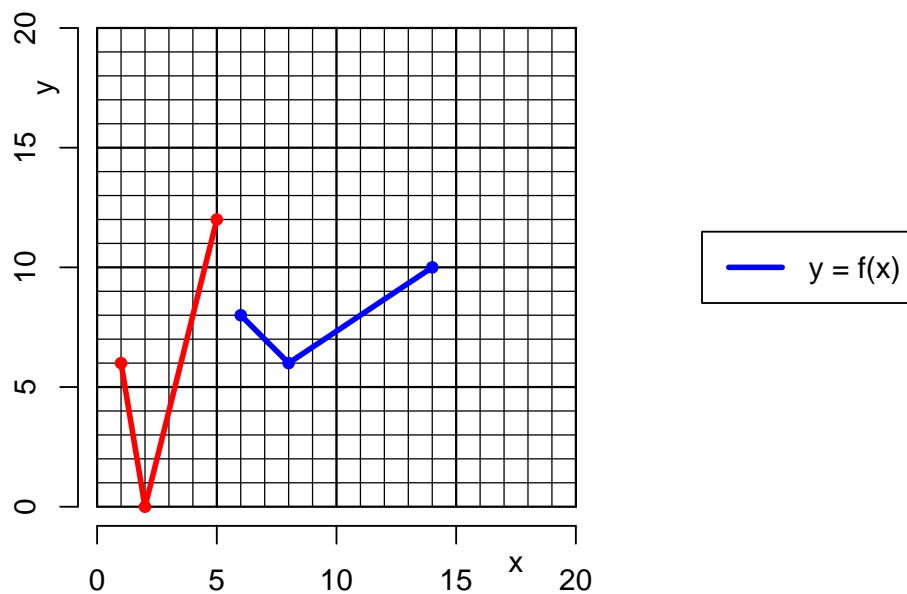

On the same plane, please draw the curve represented by the equation below:

$$y = 2\left(f[3x + 3] + 1\right)$$

Question 2

Curve $y = f(x)$ contains points $(6, 8)$ and $(8, 6)$ and $(14, 10)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 3\left(f[2\left(x + 2\right)] - 6\right)$$